

February 8, 2016

TO: Members of the MAG Regional Council Executive Committee

FROM: Mayor W.J. "Jim" Lane, City of Scottsdale, Chair

SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF TENTATIVE AGENDA FOR
THE MAG REGIONAL COUNCIL EXECUTIVE COMMITTEE

Tuesday, February 16, 2016 - 12:00 Noon
MAG Office, Suite 200 - Ironwood Room
302 North 1st Avenue, Phoenix

A meeting of the MAG Regional Council Executive Committee has been scheduled for the time and place noted above. Members of the Committee may attend the meeting either in person or by telephone or video conference.

Please park in the garage under the building. Bring your ticket to the meeting, parking will be validated. For those using transit, the Regional Public Transportation Authority will provide transit tickets for your trip. For those using bicycles, please lock your bicycle in the bike rack in the garage.

Pursuant to Title II of the Americans with Disabilities Act (ADA), MAG does not discriminate on the basis of disability in admissions to or participation in its public meetings. Persons with a disability may request a reasonable accommodation, such as a sign language interpreter, by contacting Denise McClafferty at the MAG office. Requests should be made as early as possible to allow time to arrange the accommodation.

If you have any questions regarding the Executive Committee agenda items, please contact Dennis Smith, MAG Executive Director, or Denise McClafferty, MAG Regional Program Manager, at (602) 254-6300.

MAG EXECUTIVE COMMITTEE
TENTATIVE AGENDA
FEBRUARY 16, 2015

COMMITTEE ACTION REQUESTED

1. Call to Order

The meeting of the Executive Committee will be called to order.

2. Call to the Audience

An opportunity will be provided to members of the public to address the Executive Committee on items not scheduled on the agenda THAT FALL UNDER THE JURISDICTION OF MAG, or on items on the agenda for discussion but not for action. Members of the public will be requested not to exceed a three-minute time period for their comments. A total of 15 minutes will be provided for the Call to the Audience agenda item, unless the Executive Committee requests an exception to this limit. Please note that those wishing to comment on action agenda items will be given an opportunity at the time the item is heard.

2. Information and discussion.

ITEMS PROPOSED FOR CONSENT*
BY THE EXECUTIVE COMMITTEE

*3A. Approval of the January 11, 2016 Executive Committee Meeting Minutes

3A. Approval of the January 11, 2016, Executive Committee meeting minutes.

*3B. Appointment of MAG Street Committee Vice Chair

In January 2016, the MAG Executive Committee approved the chair and vice chair of the Street Committee. Since that time, Mr. Jimenez, vice chair of the Street Committee, accepted a new position and resigned from Maricopa County. According to the MAG Committee Operating Policies and Procedures, the MAG Regional Council Executive Committee will appoint a new vice chair. On January 29, 2016, MAG solicited for a new Vice Chair and received one letter of interest from Kini Knudson, City of Phoenix. MAG is requesting to fill the position of vice chair

3B. Approval to appoint Kini Knudson, City of Phoenix, as the Vice Chair of the MAG Street Committee.

for the Street Committee. Please refer to the enclosed material.

ITEMS TO BE HEARD
BY THE EXECUTIVE COMMITTEE

4. Support Planning to Address Domestic Violence Consultant Solicitation

On February 17, 2015, The Board of Directors of Regional Community Partners and the MAG Regional Council Executive Committee approved amending the Fiscal Year (FY) 2015 MAG Unified Planning Work Program and Annual Budget to accept \$108,000 in STOP Violence Against Women grant funding awarded by the Governor's Office on Children Youth and Families to support the MAG Protocol Evaluation Project. The goal of this project is to assess the protocols used in the criminal justice system's response to domestic violence calls. The grant funding includes up to \$25,000 for a project consultant to conduct a risk assessment of current methods of domestic violence response and intervention used throughout Greater Phoenix within the criminal justice system. These efforts will identify and quantify the associated risks with each intervention or response and recommend strategies for mitigating those risks. The estimated completion date for the project is October 31, 2016. Staff will be soliciting for a Request for Proposals for services to conduct a risk assessment of current methods of domestic violence response and intervention used throughout Greater Phoenix within the criminal justice system. A report on this project will be provided. Please refer to the enclosed material.

5. Request for Consultant Services for the Shopping and Tourism Initiative

In January 2014, the MAG Regional Council approved a Resolution of Support for Extending the Border Zone in Arizona. Several of the regional planning agencies and the Inter Tribal

4. Approval to add a consultant project in the amount of \$25,000 of funds that are already included in the FY 2016 MAG Unified Planning Work Program and Annual Budget to conduct a risk assessment of current methods of domestic violence response and intervention used throughout Greater Phoenix within the criminal justice system.

5. Approval to contract with Capitol Strategies for a three month period to assist in the development of border zone expansion language for a five year pilot project, and submit the proposed language and relevant supplemental information to the appropriate Department of Homeland Security

Council have supported this effort by signing the resolution. To expand the border zone requires legislative or administrative action by the U.S. Department of Homeland Security. In preparation for the expansion, MAG acquired the services of the University of Arizona to assess the financial impact of expanding the border zone. The University of Arizona has estimated that it could generate \$181 million in additional spending in Arizona. MAG has also been coordinating with the Arizona Chamber of Commerce on this initiative. To prepare this initiative for consideration requires a consultant with specific experience of the border zone be hired by MAG. In 1999, there was an initiative to expand the border zone from 25 miles to 75 miles in most of Arizona. A key figure in this process was then Congressman James Kolbe. It is proposed that the services of James Kolbe be used through Capitol Strategies for a three month period to assist in the development of border zone expansion language for a five year pilot project, and submit the proposed language and relevant supplemental information to the appropriate Department of Homeland Security personnel and key members of Congress.

6. Discussion of the Development of the FY 2017 MAG Unified Planning Work Program and Annual Budget

Each year, the MAG Unified Planning Work Program and Annual Budget is developed in conjunction with member agency and public input. The Work Program is reviewed each year by the federal agencies in the spring and approved by the Regional Council in May. To provide an early start in developing the Work Program and Budget, this presentation is an overview of MAG's draft proposed new projects for the FY 2017 Work Program. The updated draft budget timeline, the invitation for the Budget Webinar presentation on February 18, 2016, at 1:00 P.M. in the MAG Cottonwood Room, and estimated dues and assessments are included with the budget documents. Please refer to the enclosed material.

personnel and key members of Congress for an amount not to exceed \$24,000.

6. Information and discussion.

7. Legislative Update

An update will be provided on legislative issues of interest.

8. Annual Performance Review of the MAG Executive Director

On January 11, 2016, the MAG Executive Committee reviewed the results of the Executive Director's performance evaluation including the survey, comments and the Major Regional Goals and Results for FY 2015-2016. The Executive Committee discussed the performance of the Executive Director and took action regarding the compensation/benefits of the Executive Director. On January 27, the MAG Regional Council ratified the action of the Executive Committee regarding compensation/benefits of the MAG Executive Director. In addition, the MAG General Counsel has reviewed the Executive Director's contract. The Executive Director's contract will be reviewed by the Executive Committee members and MAG's General Counsel at the meeting.

The Executive Committee may vote to recess the meeting and go into executive session to discuss personnel matters relating to the contract of the MAG Executive Director. The authority for such an executive session is A.R.S. § 38-431.03(A)(1).

9. Possible Action on the Annual Performance Review of the MAG Executive Director

The Executive Committee may reconvene the regular meeting to take action regarding the contract of the MAG Executive Director.

10. Request for Future Agenda Items

Topics or issues of interest that the Executive Committee would like to have considered for discussion at a future meeting will be requested.

7. Information, discussion and possible action.

8. Information, discussion and possible action to recess the meeting to conduct an executive session to discuss personnel matters related to the contract of the MAG Executive Director. A.R.S. 38-431.03(A)(1)

9. Information, discussion and possible action regarding the contract of the MAG Executive Director.

10. Information.

II. Comments from the Committee

An opportunity will be provided for the Executive Committee members to present a brief summary of current events. The Executive Committee is not allowed to propose, discuss, deliberate or take action at the meeting on any matter in the summary, unless the specific matter is properly noticed for legal action.

Adjournment

II. Information.

MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
MAG REGIONAL COUNCIL EXECUTIVE COMMITTEE

January 11, 2016
MAG Offices, Ironwood Room
302 N. 1st Avenue, Phoenix, Arizona

MEMBERS ATTENDING

Mayor W.J. “Jim” Lane, Scottsdale, Chair
Mayor Greg Stanton, Phoenix, Vice Chair
#Mayor Jackie Meck, Buckeye, Treasurer

#Mayor Gail Barney, Queen Creek
Mayor Michael LeVault, Youngtown
Mayor Mark Mitchell, Tempe
Mayor Lana Mook, El Mirage

* Not present

Participated by video or telephone conference call

1. Call to Order

The Executive Committee meeting was called to order by Chair Lane at 10:01 a.m. Mayor Barney and Mayor Meck participated by teleconference. Chair Lane stated Sandra Watson and her family were in our thoughts and prayers.

2. Call to the Audience

Chair Lane stated according to the MAG public comment process, members of the audience who wish to speak are requested to fill out the public comment cards. He stated that there is a three-minute time limit. Public comment is provided at the beginning of the meeting for items that are not on the agenda that are within the jurisdiction of MAG, or non-action agenda items that are on the agenda for discussion or information only. Chair Lane noted no public comment cards had been received.

3. Approval of Executive Committee Consent Agenda

Chair Lane noted prior to action on the consent agenda, members of the audience are provided an opportunity to comment on consent items that are being presented for action. Following the comment period, committee members may request that an item be removed from the consent agenda.

Chair Lane requested a motion to approve the consent agenda. Mayor LeVault moved to approve consent item #3A. Mayor Mook seconded the motion and the motion carried unanimously.

3A. Approval of the November 23, 2015 Executive Committee Meeting Minutes

The Regional Council Executive Committee, by consent, approved the November 23, 2015 Executive Committee meeting minutes.

4. Status Update on the June 30, 2015 Single Audit and Management Letter Comments, MAG's Comprehensive Annual Financial Report and OMB Circular A-133 Reports (i.e., "Single Audit") for the Fiscal Year Ended June 30, 2015

Becky Kimbrough, MAG Fiscal Services Manager, stated that CliftonLarsonAllen LLP has completed the audit of MAG's Comprehensive Annual Financial Report (CAFR) and Single Audit for the fiscal year ended June 30, 2015. She noted that a copy of the CAFR was included in the committee member's agenda packets. Ms. Kimbrough introduced Mr. Dennis O'Such, Principal of the accounting firm of CliftonLarsonAllen LLP.

Mr. O'Such stated his firm conducted both the Single Audit Report of major federal programs and financial statement. For the Financial Statement Audit, his firm issued an unmodified opinion that was in accordance with generally accepted accounting principles.

Mr. O'Such stated for the Single Audit Report they issue two reports. He explained the first report is the Government Auditing Standards Report, in which they do not issue an opinion, but do report on internal controls related to the financial statements. Mr. O'Such indicated they found no significant deficiencies nor material weaknesses. The second report is the OMB Compliance Supplement and they provide an opinion on compliance with major federal programs and issue an unmodified or clean opinion and report on internal controls as they relate to major federal programs. Mr. O'Such indicated they found no significant deficiencies nor material weaknesses.

Mr. O'Such stated that the Fiscal Year 2014 finding related to documenting some DUNS numbers for subrecipients has been fully corrected. He pointed out one major item in the financial statement is a restatement of net position in the government-wide statements, which was not related to an error, but to new pension standards of GASB 68 and 71. Mr. O'Such explained this requires all governments to report their unfunded pension liability for the Arizona State Retirement System (ASRS). He noted previously, this was not required to be reported, just the required annual contributions and whether the government was making the contributions.

Mr. O'Such stated this is a \$13 million liability that is booked to the government-wide financial statements on the full accrual basis of accounting and account for long-term assets and liabilities. As a result, a negative net position of \$8 million on the full accrual basis is being reported for MAG. Mr. O'Such explained this means future liability for the unfunded pension portion but MAG still makes annual contributions based on ASRS contribution rates. He added MAG's situation is not unusual, and a number of agencies are reporting a negative net position due to the pension liability restatement.

Chair Lane thanked Ms. Kimbrough and Mr. O'Such for their reports. Chair Lane commented in light of the recent events with other government organizations, asked if there is any way that MAG can incorporate a procedure that would give us even greater assurance. Mr. O'Such replied that CliftonLarsonAllen LLP does look at all internal controls and makes a risk assessments. The areas that they really focus on is disbursements, revenue recognition and capital assets. Mr. O'Such reported that a consulting engagement was conducted last spring where specific controls that they were hired, by management, to report on. Ms. Kimbrough added a special audit over cash controls has been done and all controls are in place. She added Mayor Meck is Treasurer and he came and walked through all the controls MAG has in place.

Mayor Meck commented that he spent time at MAG, with Ms. Kimbrough, going over all the controls. He mentioned that he spent most of the afternoon reviewing controls and that if anything, MAG had overdone the controls in place. He added he is extremely comfortable with everything that is in place and was impressed with what he saw.

Mayor LeVault moved to recommend acceptance of the audit opinion issued on the MAG Comprehensive Annual Financial Report and Single Audit Report for the year ended June 30, 2015. Mayor Stanton seconded the motion and the motion carried unanimously.

Mr. Smith stated in light of the recent events with other organizations, asked Chair Lane if he would like this item to be on consent or to be heard at the next Regional Council meeting. Chair Lane commented that he would like this item to be heard at the next Regional Council meeting.

5. Discussion of the Development of the FY 2017 Unified Planning Work Program and Annual Budget

Becky Kimbrough, MAG Fiscal Services Manager reported on the development of the FY 2017 MAG Unified Planning Work Program and Annual Budget. She noted the draft Dues and Assessments and the proposed budget production time line were included in the committee member's agenda packet. Ms. Kimbrough stated the development of the Work Program begins in January each year in order to provide opportunities for early input and review from committee members.

Ms. Kimbrough explained that the draft MAG Dues and Assessments are calculated using the prior calendar year average Consumer Price Index-Urban Consumers (CPI-U) estimated at 2.34 percent. She noted the draft Dues and Assessments figures were calculated in December 2015. She noted that the 2015 calendar year CPI-U average is not yet available, but is due January 20, 2016. At that time, the draft MAG Dues and Assessments will be updated and the adjusted draft MAG Dues and Assessments will be presented. Ms. Kimbrough noted MAG anticipates little change to the estimated CPI-U.

Ms. Kimbrough noted the draft Dues and Assessments total is approximately \$4,700 higher than FY 2016 total. Chair Lane thanked Ms. Kimbrough for her report and asked members if they had questions. There were none.

The next item was taken out of order due to the potential Executive Session on this agenda.

8. Legislative Update

Nathan Pryor, Government Relations Manager, stated today starts the Arizona Legislature session. He noted one of MAG's concerns is the Highway User Revenue Fund (HURF) and the fees charged to MAG and PAG this fiscal year. MAG was charged more than \$1.5 million in fees and PAG was charged approximately \$500,000 in fees to go to Arizona Department of Revenue (ADOR). Mr. Pryor stated that last year a joint letter from rural agencies requesting the elimination of the HURF sweeps, which MAG signed, was sent to the Governor. In August 2015, Rene Guillen, Government and Transportation Policy Advisor, gave a presentation to the MAG Regional Council on a proposal regarding fee issues, as well as raising fees to go to Department of Public Safety (DPS), which also impacts HURF.

Working together, MAG and PAG agreed to draft a letter related to the HURF and fee issues, which captures the conversation between the governor's office and elected officials of MAG and PAG. This letter will be brought to the next Regional Council meeting, to be signed jointly between MAG and PAG.

Chair Lane thanked Mr. Pryor for his update and asked committee members if they had any comments.

Mr. Smith commented the theme of the letter would be to get DPS funded, but not through the HURF. The Resource Allocation Committee is showing five more years of sweeps at \$120 million per year, or a total of \$600 million over five years. He added keeping HURF funding to the \$20 million per year allowed in state statute means an additional \$500 million for state transportation projects. Previously, the Arizona Department of Transportation proposed taking the \$8 registration fee and increasing it to support DPS.

Chair Lane commented this seems like a reasonable approach and asked if this is consistent with the Governor's staff outlining and changing HURF funding. Mr. Pryor responded this letter compliments what is being proposed by the working group. He stated he will continue to monitor this.

Mr. Pryor also stated Senator Shooter has some concerns about the High Occupancy Vehicle (HOV) lane capacity. MAG, Valley Metro, DPS, FHWA and ADOT had an opportunity to meet with the Senator, to provide information on the function of HOV lanes and how they serve to move vehicles and people. The Senator's concerns included having open HOV lanes while other lanes are congested with slow moving vehicles.

Mr. Pryor stated the HOV lanes are part of the federal Transportation Control Measures required for MAG, due to our region being in nonattainment. The Senator discussed having a bill that lowers fines for HOV Lane infractions. Mr. Pryor noted a bill has not yet been submitted and MAG has reports and data showing HOV lane capacity movement, that will be provided to the Senator.

Mr. Smith added we have the fourth largest HOV network in the United States and DPS stated they use the HOV lane to respond to traffic incidents.

Chair Lane asked if the Senator's position was the underutilization of the HOV lane. Mr. Pryor replied when an HOV lane appears to be open or unused, while other lanes are backed up, shifting vehicles to the HOV lane to move more vehicles through, is what the Senator is suggesting. Mr. Pryor stated it is not just a matter of looking at how many vehicles are moving, but also how many people are being moved.

Mr. Pryor also discussed the streamlining of the MAG 208 Water Quality Management Plan Process. He noted MAG would like to see this process put in place for one year and make any revisions to that process, as needed. Currently, there are not any bills going to the legislature and MAG will continue to monitor this. Chair Lane asked if these adjustments were voluntary commitments of participants in the process. Mr. Pryor stated that was correct. Chair Lane asked if MAG has any examples of the new streamline process.

Mr. Smith stated the City of Buckeye amendment is going through and time limits have been put in place so local governments cannot bottleneck an application. If they have a completed application, it will go into the MAG process. Mr. Smith added MAG staff recently met with the Home Builders Association and discussed the housing balance report that MAG Information Services issued. MAG also extended the offer to have the staff present the demographic tools, mapping and data to them. He commented housing did not bring us out of this recession and the Economic Development Committee has focused on everything except housing. He noted after speaking with the EDC chair, staff made the offer to the Home Builders Association to present their concerns to the EDC. Mayor LeVault stated dialogue with the home builders is very important and we need to work with them and maintain a sense of collaboration.

6. Annual Performance Review of the MAG Executive Director

Mayor Stanton moved that the Executive Committee go into Executive Session regarding agenda items #6 and #7. Mayor LeVault seconded the motion and the motion carried unanimously. The meeting went into Executive Session at 10:33 a.m.

The Executive Committee reconvened regular session at 11:11 a.m.

7. Possible Action on the Annual Performance Review of the MAG Executive Director

Mayor Stanton moved that the Executive Committee go into Executive Session regarding agenda items #6 and #7. Mayor LeVault seconded the motion and the motion carried unanimously. The meeting went into Executive Session at 10:33 a.m.

The Executive Committee reconvened regular session at 11:11 a.m.

Mayor LeVault motioned, subject to review and approval of the form of the employment contract of the Executive Director, to approve increasing the base salary of the Executive Director by two and one-half percent, effective January 1, 2016, and continuing the Executive Director's current benefits, plus an additional 4 days (32 hours) of vacation to be added to the beginning vacation balance for calendar year 2016. Mayor Mitchell seconded the motion and the motion carried unanimously.

9. Request for Future Agenda Items

Chair Lane asked if there were any requests for future agenda items. There were none.

10. Comments from the Committee

Chair Lane asked if there were any comments from the committee. There were none.

Adjournment

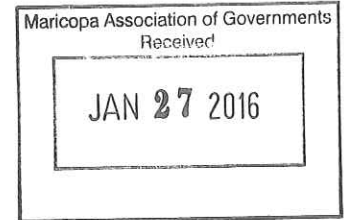
There being no further business, the Executive Committee adjourned at 11:12 a.m.

Chair

Secretary



City of Phoenix
STREET TRANSPORTATION DEPARTMENT



January 22, 2016

Maricopa Association of Governments
The Honorable Mayor W.J. "Jim" Lane
Regional Council Chair
302 North 1st Avenue, Suite 300
Phoenix, AZ 85003

RE: Vice Chair of the MAG Street Committee

Dear Mayor Lane:

This letter is an expression of my interest to serve as the Vice Chair of the MAG Street Committee. Although I do not currently sit on the MAG Street Committee, our City representative on the committee, Jenny Grote, reports directly to me. Additionally, my direct supervisor, Ray Dovalina, our Street Transportation Director, currently sits on the Transportation Review Committee (TRC), and I have represented him at the TRC meetings when he has been unable to attend due to his schedule. I plan to begin serving on the MAG Street Committee as Phoenix's representative effective immediately at the next regularly scheduled meeting on February 9, 2016.

I currently serve as both the Assistant Director of the Street Transportation Department and the City Engineer for the City of Phoenix. I have been in this capacity since 2014. I have worked for the City of Phoenix for nearly 16 years, almost exclusively in the transportation area, including streets, transit and aviation.

I have developed strong relationships with staff from other MAG cities and regional transportation agencies, and I have worked with MAG staff during the majority of my time with the City of Phoenix. I understand the responsibilities of the position and the time commitment to work with the Chair of the Street Committee and MAG on meeting agendas and related coordination efforts.

If you have any questions about my interest, please do not hesitate to contact me at (602) 262-6781.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kini L.E. Knudson".

Kini L.E. Knudson, P.E.
Assistant Director / City Engineer

cc: Ms. Teri Kennedy, MAG
Mr. Steve Tate, MAG

February 8, 2016

TO: Members of the MAG Executive Committee

FROM: Amy Robinson, Human Services Planner

SUBJECT: SUPPORT PLANNING TO ADDRESS DOMESTIC VIOLENCE CONSULTANT
SOLICITATION

On February 17, 2015, The Board of Directors of Regional Community Partners and the MAG Regional Council Executive Committee approved amending the Fiscal Year (FY) 2015 MAG Unified Planning Work Program and Annual Budget to accept \$108,000 in STOP Violence Against Women grant funding awarded by the Governor's Office on Children Youth and Families to support the MAG Protocol Evaluation Project.

The goal of this project is to assess the protocols used in the criminal justice system's response to domestic violence calls. The grant funding includes up to \$25,000 for a project consultant to conduct a risk assessment of current methods of domestic violence response and intervention used throughout Greater Phoenix within the criminal justice system. These efforts will identify and quantify the associated risks with each intervention or response and recommend strategies for mitigating those risks. The estimated completion date for the project is October 31, 2016.

Partners on the Protocol Evaluation Project include the following: Arizona Coalition to End Sexual and Domestic Violence; Avondale Police Department; Arizona Criminal Justice Commission; Arizona Prosecuting Attorneys' Advisory Council; Apache Junction Police Department and Prosecutor's Office; Arizona Police Officer Standards and Training; Buckeye Police Department; Chandler Prosecutor's Office; El Mirage Police Department; Gilbert Police Department; Glendale Police Department and Prosecutor's Office; Goodyear Police Department, Maricopa County Attorney's Office; Maricopa County Sheriff's Office; City of Maricopa Police Department; Mesa Prosecutor's Office; Peoria Police Department; City of Phoenix Human Services, Police Department, and Prosecutor's Office; Scottsdale Prosecutor's Office; Southwest Family Advocacy Center; Tempe CARE 7; Tolleson Police Department; and Wickenburg Police Department.

If you have any questions regarding this amendment, please contact me at the MAG office at (602) 254-6300.

MARICOPA ASSOCIATION OF GOVERNMENTS

INFORMATION SUMMARY... for your review

DATE:

February 8, 2016

SUBJECT:

Development of the FY 2017 MAG Unified Planning Work Program and Annual Budget

SUMMARY:

Each year, staff develops the MAG Unified Planning Work Program and Annual Budget. The Work Program is reviewed each year by the federal agencies and approved by the Regional Council in May. A review of the detailed draft Work Program and Budget is scheduled for early spring. This presentation is an overview of MAG's proposed projects for the FY 2017 Work Program.

The Budget Workshop, which will also be available via Webinar, is scheduled for Thursday, February 18, 2016, at 1:00 p.m. in the MAG Cottonwood Room. This workshop provides MAG members and the public an opportunity to discuss newly proposed projects for the upcoming budget year. The workshop also provides the opportunity to discuss other budget items. The invitation to the Budget Workshop is attached.

The draft MAG Dues and Assessments presented for FY 2017 have been updated and are presented this month using the final CPI-U average of 2.33 percent which has been applied to the prior year dues and assessments total. The Changes in dues and assessments for individual members are due to population shifts and the application of the CPI-U. The draft Dues and Assessments for FY 2017 are included as Attachment A. The application of a minimum dues and assessments amount of \$350 affects two members and is discussed in footnote (d) of this attachment.

The intermodal planning group meeting which is a review of the MAG's draft Work Program for 2017 by the Federal agencies, ADOT, and other related parties has been updated on the MAG Budget Timeline, Attachment B, and is scheduled for Friday, March 11, 2016 to be held in the MAG Saguaro Room beginning at 8:30 a.m. to 11:30 a.m.

Information for this presentation of the developing budget is included for your early review and input. Enclosed for your information are the following documents:

- ▶ Attachment A is the draft Dues and Assessments for FY 2017.
- ▶ Attachment B is the timeline for budget development.
- ▶ Attachment C is the Budget Workshop invitation scheduled for Thursday, February 18, 2016.
- ▶ Attachment D is the Proposed New Projects for FY 2017.

PUBLIC INPUT:

None.

PROS & CONS:

PROS: MAG is presenting a review of the proposed new projects associated estimated costs for FY 2017. This will provide for an incremental review of key budget proposed projects in February and a review of the more complete draft budget and work program in March of 2016.

CONS: None.

TECHNICAL & POLICY IMPLICATIONS:

TECHNICAL: The draft MAG Dues and Assessments for FY 2017 have been prepared using the methodology that was approved by the MAG Regional Council.

POLICY: In accordance with the MAG Fund Balance Policy, should the unassigned fund balance of the General Fund ever drop below the minimum 15 percent range, MAG Regional Council can consider reducing expenditures to eliminate any structural deficit, or the MAG Regional Council can increase revenues or pursue other funding sources, or some combination of the two options. Should the unassigned fund balance of the General Fund ever exceed the maximum 25 percent range, the MAG Regional Council will consider such fund balance surpluses for use as a reduction to member dues and assessments and/or one-time expenditures that are nonrecurring in nature and which will not require additional future expense outlays for maintenance, additional staffing or other recurring expenditures. None.

ACTION NEEDED:

Information and discussion.

PRIOR COMMITTEE ACTIONS:

This item will be on the February 10, 2016 MAG Management Committee agenda for information and discussion.

This item was on the January 27, 2016, MAG Regional Council agenda for information and discussion.

MEMBERS ATTENDING

- | | |
|--|--|
| Mayor W.J. "Jim" Lane, Scottsdale, Chair | # Mayor Christian Price, City of Maricopa |
| Mayor Greg Stanton, Phoenix, Vice Chair | * Supervisor Denny Barney, Maricopa County |
| Vice Mayor Robin Barker, Apache Junction | Mayor John Giles, Mesa |
| Mayor Kenneth Weise, Avondale | * Mayor Michael Collins, Paradise Valley |
| Mayor Jackie Meck, Buckeye | Mayor Cathy Carlat, Peoria |
| Councilmember Mike Farrar, Carefree | Supervisor Todd House, Pinal County |
| Councilmember Dick Esser, Cave Creek | * Mayor Gail Barney, Queen Creek |
| # Mayor Jay Tibshraeny, Chandler | * President Delbert Ray, Salt River |
| Mayor Lana Mook, El Mirage | Pima-Maricopa Indian Community |
| Mayor Tom Rankin, Florence | Mayor Sharon Wolcott, Surprise |
| * President Ruben Balderas, Fort | * Mayor Mark Mitchell, Tempe |
| McDowell Yavapai Nation | * Mayor Adolfo Gamez, Tolleson |
| # Mayor Linda Kavanagh, Fountain Hills | Mayor John Cook, Wickenburg |
| * Mayor Chuck Turner, Gila Bend | # Mayor Michael LeVault, Youngtown |
| * Governor Stephen Roe Lewis, Gila River | * Mr. Roc Arnett, Citizens Transportation |
| Indian Community | Oversight Committee |
| Mayor John Lewis, Gilbert | * Mr. Joseph La Rue, State Transportation |
| Mayor Jerry Weiers, Glendale | Board |
| Mayor Georgia Lord, Goodyear | Vice Mayor Jack Sellers, State |
| # Mayor Rebecca Jimenez, Guadalupe | Transportation Board |
| Mayor Thomas Schoaf, Litchfield Park | |

* Those members neither present nor represented by proxy.

Attended by telephone conference call.

+ Attended by videoconference

This item was on the January 11, 2016, MAG Regional Council Executive Committee agenda for information and discussion:

MEMBERS ATTENDING

Mayor W.J. "Jim" Lane, Scottsdale, Chair
Mayor Greg Stanton, Phoenix, Vice Chair
Mayor Jackie Meck, Buckeye, Treasurer

Mayor Gail Barney, Queen Creek
Mayor Michael LeVault, Youngtown
Mayor Mark Mitchell, Tempe
Mayor Lana Mook, El Mirage

* Not present

Participated by video or telephone conference call

This item was on the January 6, 2016, MAG Management Committee for information and discussion.

MEMBERS ATTENDING

Jim Rumpeltes for Darryl H. Crossman,
Litchfield Park
Ed Zuercher, Phoenix, Vice Chair
Bryant Powell, Apache Junction
David Fitzhugh, Avondale
Stephen Cleveland, Buckeye
Gary Neiss, Carefree
* Peter Jankowski, Cave Creek
Marsha Reed, Chandler
Dr. Spencer Isom, El Mirage
Brent Billingsley, Florence
Alfonso Rodriguez for Phil Dorchester, Fort
McDowell Yavapai Nation
Grady Miller, Fountain Hills
Ernest Rubi, Gila Bend
* Tina Notah, Gila River Indian Community
Marc Skocypec for Patrick Banger, Gilbert
Jenna Goad for Dick Bowers, Glendale
Brian Dalke, Goodyear
Rosemary Arellano, Guadalupe

Gregory Rose, City of Maricopa
Christopher Brady, Mesa
Kevin Burke, Paradise Valley
Carl Swenson, Peoria
Louis Andersen for Greg Stanley, Pinal
County
John Kross, Queen Creek
* Bryan Meyers, Salt River Pima-Maricopa
Indian Community
* Fritz Behring, Scottsdale
Rick Buss for Bob Wingenroth, Surprise
Andrew Ching, Tempe
* Reyes Medrano, Jr., Tolleson
Joshua Wright, Wickenburg
* Jeanne Blackman, Youngtown
Sintra Hoffman for John Halikowski,
ADOT
Joy Rich for Tom Manos, Maricopa Co.
John Farry for Eric Anderson, Valley
Metro/RPTA

* Those members neither present nor represented by proxy.

Participated by telephone conference call. + Participated by videoconference call.

CONTACT PERSON:

Rebecca Kimbrough, MAG Fiscal Services Manager, (602) 452-5051

**Maricopa Association of Governments
for Fiscal Year 2017**

ATTACHMENT A

Jurisdiction	FY 2016 Budget (a) Population Totals	MAG Member Dues	Solid Waste Planning Assessment	Water Quality (j) Planning Assessment	9-1-1 (b) Planning Assessment	Human Services Planning Assessment	Homeless(c) Prevention Assessment	Total (d) FY 2017 Estimated Dues and Assessments	Total FY 2016 Dues & Assessments
Apache Junction (f)	38,437	\$2,000	\$98	\$1,216	\$2,208	\$711		\$6,233	\$6,171
Avondale	78,885	\$4,104	\$202	\$2,495	\$4,532	\$1,460	\$1,347	\$14,140	\$14,149
Buckeye	61,173	\$3,183	\$157	\$1,935	\$3,514	\$1,132		\$9,921	\$9,641
Carefree	3,525	\$183	\$9	\$111	\$202	\$65		\$570	\$567
Cave Creek	5,429	\$282	\$14	\$172	\$312	\$100		\$880	\$877
Chandler	255,073	\$13,271	\$654	\$8,067	\$14,653	\$4,721	\$4,356	\$45,722	\$45,197
El Mirage	33,339	\$1,735	\$85	\$1,054	\$1,915	\$617		\$5,406	\$5,386
Florence (i)	26,410	\$1,374	\$68			\$489		\$1,931	\$1,981
Fort McDowell Yavapai Nation (d) (h)	999	\$240	\$3	\$32	\$57	\$18		\$350	\$350
Fountain Hills	23,346	\$1,215	\$60	\$738	\$1,341	\$432		\$3,786	\$3,786
Gila Bend (d)	1,977	\$131	\$5	\$63	\$114	\$37		\$350	\$350
Gila River Indian Community (i)	11,899	\$619	\$30	\$376	\$684	\$220		\$1,929	\$1,945
Gilbert	242,857	\$12,636	\$622	\$7,681	\$13,951	\$4,495	\$4,147	\$43,532	\$42,674
Glendale	234,766	\$12,215	\$602	\$7,425	\$13,486	\$4,345	\$4,009	\$42,082	\$42,162
Goodyear	77,776	\$4,047	\$199	\$2,460	\$4,468	\$1,440		\$12,614	\$12,255
Guadalupe	6,135	\$319	\$16	\$194	\$352	\$114		\$995	\$998
Litchfield Park	6,019	\$313	\$15	\$190	\$346	\$111		\$975	\$966
Maricopa (i)	48,374	\$2,517	\$124		\$2,779	\$895		\$6,315	\$6,166
Maricopa County (e)	283,153	\$14,732	\$725	\$8,955	\$16,266	\$5,241	\$4,835	\$50,754	\$50,814
Mesa	460,950	\$23,983	\$1,181	\$14,579	\$26,480	\$8,532	\$7,871	\$82,626	\$82,551
Paradise Valley	13,673	\$711	\$35	\$432	\$785	\$253		\$2,216	\$2,207
Peoria (g)	167,547	\$8,717	\$429	\$5,299	\$9,625	\$3,101	\$2,861	\$30,032	\$29,688
Phoenix	1,527,509	\$79,476	\$3,914	\$48,311		\$28,275	\$26,086	\$186,062	\$185,346
Pinal County (c)(i)	138,150	\$7,188	\$354		\$7,936	\$2,557	\$2,359	\$20,394	\$19,959
Queen Creek (f)	33,967	\$1,767	\$87	\$1,074	\$1,951	\$629		\$5,508	\$5,209
Salt River Pima-Maricopa (h)	6,641	\$346	\$17	\$210	\$381	\$123		\$1,077	\$1,075
Scottsdale	231,204	\$12,029	\$592	\$7,312	\$13,282	\$4,279	\$3,948	\$41,442	\$40,898
Surprise	125,621	\$6,536	\$322	\$3,973	\$7,216	\$2,325	\$2,145	\$22,517	\$22,432
Tempe	172,021	\$8,950	\$441	\$5,441	\$9,882	\$3,184	\$2,937	\$30,835	\$30,719
Tolleson	6,837	\$356	\$18	\$216	\$393	\$127		\$1,110	\$1,111
Wickenburg (g)	6,661	\$347	\$17	\$211	\$383	\$123		\$1,081	\$1,082
Youngtown	6,467	\$336	\$17	\$205	\$372	\$120		\$1,050	\$1,052
TOTALS	4,336,820	\$225,858	\$11,112	\$130,427	\$159,866	\$80,271	\$66,901	\$674,435	\$669,764

FY 2016 Total Costs		\$220,510	\$10,859	\$127,458	\$156,229	\$78,443	\$65,377
Based on Population		\$5,348	\$253	\$2,969	\$3,637	\$1,828	\$1,524
		2.43%	2.33%	2.33%	2.33%	2.33%	2.33%
Per Capita Cost		\$0.05208	\$0.00256	\$0.03007	\$0.03686	\$0.01851	\$0.01543

Each year, the MAG annual Dues and Assessments are apportioned according to per capita populations and the average CPI-U from the prior calendar year is applied to the Dues and Assessments. The average prior calendar year CPI-U change of 2.33 % has been applied to the draft MAG Dues and Assessments for FY 2017. Changes in population account for the individual member differences between the FY 2016 and FY 2017 Dues and Assessments totals.

- (a) MAG July 1, 2015 Approved Population within one percent of the approved Maricopa County control total are used. These population updates are needed by the State Economic Estimates Commission by December 15th of each year and in order to project the final estimates.
- (b) The 9-1-1 assessment is apportioned according to per capita populations excluding the City of Phoenix that performs 9-1-1 operations and the Town of Florence that is not part of the Maricopa Region 9-1-1 system.
- (c) The Homeless Prevention assessment is only charged to cities who are CDBG recipients and have populations over 50,000 and to Maricopa County and Pinal County.
- (d) Total Dues and Assessments minimum at \$350 per member results in an overall increase for these members and a slight adjustment for the other members.
- (e) The Maricopa County portion of the dues and assessments includes the balance of the county, excluding the Fort McDowell Yavapai Nation and the Salt River Pima-Maricopa Indian Community (except when calculating the Homeless Prevention assessment).
- (f) Maricopa and Pinal County portions.
- (g) Maricopa and Yavapai County portions.
- (h) Maricopa County portion only.
- (i) The Pinal County portion of the dues and assessments includes unincorporated areas in Pinal County in the the MAG Metropolitan Planning Organization Area planning boundaries; also included is the entire population of the Gila River Indian Community as well as the Town of Florence and the City of Maricopa.
- (j) The Water Quality Planning Assessment is applied to the members that have their Water Quality Planning performed by the Maricopa Region.
- (k) Effective date January 20, 2016.

Maricopa Association of Governments
Fiscal Year 2017
DRAFT February 8, 2015
Work Program and Annual Budget Proposed Timeline

01/05/16	Tuesday	Intergovernmental Meeting
01/06/16	Wednesday	Management Committee Meeting-dues/assessments; timeline
01/11/16	Monday	Regional Council Executive Committee Meeting-dues/assessments; timeline
01/27/16	Wednesday	Regional Council-dues/assessments; timeline
02/04/16	Thursday	Intergovernmental Meeting
02/10/16	Wednesday	Management Committee Meeting- present new projects; presentation of summary budget documents
02/16/16	Tuesday	Regional Council Executive Committee Meeting- present new projects; presentation of summary budget documents
02/18/16	Thursday	Budget Workshop-webinar 1:00 p.m.Cottonwood Room, 2nd Floor, MAG Building
02/24/16	Wednesday	Regional Council Meeting- present new projects; presentation of summary budget documents
03/03/16	Thursday	Intergovernmental Meeting
03/09/16	Wednesday	Management Committee Meeting- information and review of draft budget documents
03/11/16	Friday	IPG meeting with FHWA, FTA, ADOT and others 8:30 a.m. to 11:30 a.m. Saguaro Room, 2nd Floor, MAG Building
03/14/16	Monday	Regional Council Executive Committee Meeting- information and review of draft budget documents
03/23/16	Wednesday	Regional Council Meeting- information and review of draft budget documents
04/07/16	Thursday	Intergovernmental Meeting
04/13/16	Wednesday	Management Committee Meeting- information and review of draft budget documents
04/18/16	Monday	Regional Council Executive Committee Meeting- information and review of draft budget documents
04/27/16	Wednesday	Regional Council Meeting- information and review of draft budget documents
April		Changes in draft budget projects and/or any changes in budgeted staff will be brought to the Executive Committee, Management Committee and Regional Council in their April meetings if needed (TBD)
05/05/16	Thursday	Intergovernmental Meeting
05/11/16	Wednesday	Management Committee meeting - present draft Budget for recommendation of approval
05/16/16	Monday	Regional Council Executive Committee meeting - present draft Budget for recommendation of approval
05/25/16	Wednesday	Regional Council meeting - present draft Budget for approval

MAG WEBINAR PRESENTATION ON THE DEVELOPMENT OF THE
FY 2017 UNIFIED PLANNING WORK PROGRAM AND ANNUAL BUDGET

Thursday, February 18, 2016 at 1:00 p.m.
MAG Office, Suite 200, Cottonwood Room
302 North 1st Avenue, Phoenix, AZ

In an effort to get early input into the FY 2017 MAG Budget and to provide information about the proposed budget for our member agencies, we will hold a budget workshop on Thursday, February 18, at 1:00 p.m. The budget workshop will include an overview of MAG's proposed dues and assessments and proposed projects for the FY 2017 Work Program.

If you are attending in person, please park in the garage underneath the building and bring your ticket to the meeting, parking will be validated.

If you would like to attend this meeting by web and/or phone please contact Kathy Christensen for log in information at (602) 452-5050.

If you have any questions or need additional information regarding new projects or dues and assessments, please contact Becky Kimbrough at (602) 254-6300.

DRAFT MAG FY 2017 UPWP Proposed Projects

NEW PROJECTS-TRANSPORTATION DIVISION

2017 MAG Bicycle and Pedestrian Plan	
Total Resources Required: \$325,000.....	1
2017 Regional Commuter Rail System Study Update	
Total Resources Required: \$150,000.....	2
2017 US-60/SR-24 Superstition Vistas Transportation Framework Study	
Total Resources Required: \$200,000.....	3
2017 Regional Transit Framework Study (RTFS) Update	
Total Resources Required: \$200,000.....	4
2017 US-60/Grand Avenue-Sun City Implementation Study	
Total Resources Required: \$150,000.....	5
2017 Regional Emergency Vehicle Preemption (EVP) Coordination for Unified Operations - On-Call	
Total Resources Required: \$60,000.....	6
2017 Systemic Strategy to Mitigate Intersection Left-Turn Crashes On-Call	
Total Resources Required: \$80,000.....	7

NEW PROJECT-INFORMATION SERVICES DIVISION

2017 Economic and Geospatial Data and Services Consultant Support for MAG On-Call	
Total Resources Required: \$100,000.....	9

ONGOING PROJECTS-COMMUNICATIONS DIVISION

2017 Don't Trash Arizona Litter Prevention and Education Program	
Total Resources Required: \$300,000.....	10
2017 Disability Outreach Associate	
Total Resources Required: \$18,500.....	12
2017 Video Outreach Associate	
Total Resources Required: \$70,000.....	13

ONGOING PROJECT-ENVIRONMENTAL DIVISION

2017 MAG Air Quality Associate	
Total Resources Required: \$130,000.....	14

ONGOING PROJECTS-TRANSPORTATION DIVISION

2017 Traffic Signal Optimization Program - MAG Associate	
Total Resources Required: \$40,000.....	16
2017 Road Safety Assessments and Project Assessments On-Call	
Total Resources Required: \$300,000.....	17
2017 Traffic Signal Optimization Program On-Call	
Total Resources Required: \$300,000.....	18
2017 Pedestrian and Bicycle Facilities Design Assistance Program On-Call	
Total Resources Required: \$400,000.....	19
2017 Transportation Division Associate	
Total Resources Required: \$70,000.....	20

DRAFT MAG FY 2017 UPWP Proposed Projects

New Projects-Transportation Division

Project Name: 2017 MAG Bicycle and Pedestrian Plan

Brief Description: MAG completed its previous Pedestrian Plan in 2000 and its previous MAG Regional Bikeway Master Plan in 2007. An updated MAG Bike and Pedestrian Plan will accurately identify the existing bicycle and pedestrian infrastructure as the basis for improving, expanding and connecting the MAG Region's bicycle and pedestrian network. It will identify opportunities for routes and investments that place an emphasis on quality of life factors and safety that enhance the transportation infrastructure, all of which foster economic development. This type of economic development is essential in creating a more competitive region that promotes different modes of transportation, and creates the environment to attract the type of business infrastructure needed to compete on a more global scale.

Requested by: This project is recommended by MAG staff and the MAG Bicycle and Pedestrian Committee.

Mission/Goal Statement: Funding the development of a comprehensive MAG Bicycle and Pedestrian Plan crafted in coordination with MAG member agencies fits into MAG's mission of promoting the development and expansion of all modes of transportation, especially as that development relates to economic development and global competitiveness.

Total Resources Required: \$325,000

Approximate Time Frame for Project Completion: July 2016-December 2017

Expected Outcome: A new MAG Bicycle and Pedestrian Plan that integrates policies of safety, economic development and, in turn, improves the quality of life. The Plan will also identify several corridors that cross jurisdictional boundaries for expedited reconfiguration in order to foster bike traffic.

Benefit to MAG Member Agencies: The MAG member agencies will be an intricate part of developing the Plan as members of the MAG Bicycle and Pedestrian Committee and will reap the benefits of safety and economic development within their communities as a result of the policies set forth in the Plan.

Benefit to the Public: The Plan will provide a road map for the public that will enable it to move throughout the Valley in a safe and efficient manner. By providing the appropriate infrastructure, people will be more likely to walk and bike, creating a healthier community, reducing health care costs, and the impact of having only motorized travel on air quality and congestion, while creating economic opportunities.

DRAFT MAG FY 2017 UPWP Proposed Projects

New Projects-Transportation Division

Project Name: 2017 Regional Commuter Rail System Study Update

Brief Description: The purpose of the Regional Commuter Rail System Study Update is to revise the data included in the original 2010 Commuter Rail System Study. The study was accepted in June 2010 by the MAG Regional Council, but new regional socioeconomic forecasts, revised ridership, cost estimates, corridor ranking and other relevant passenger rail studies require an update. The original study defined an optimized network of four commuter rail corridors, and the elements needed to implement a 110-mile regional commuter rail system using both BNSF Railway and Union Pacific Railroad corridors. The system would radiate from downtown Phoenix and would share existing freight track/corridors. The 2010 System Study provided a detailed evaluation of potential commuter rail links to the East Valley (including Tempe and Southeast Corridors) and links to the West Valley by incorporating the findings of the Grand Avenue (Grand) and Yuma West (Yuma) Corridor Development Plans, both of which were produced in conjunction with the 2010 System Study. Coordination with both railroads, Arizona Department of Transportation, and Valley Metro will be a component of this study. Both BNSF and Union Pacific Railroad have indicated that indemnity/liability issues related to passenger rail must be addressed prior to any agreement between the owner railroads and the commuter rail governing/operating agency. The indemnity/liability issues were summarily reviewed in the original 2010 study and will be thoroughly explored in this update.

Requested by: This project is recommended by MAG staff and the MAG Transit Committee.

Mission/Goal Statement: This study will provide the Regional Council with the necessary information to decide if commuter rail should be included in the NexGen Regional Transportation Plan.

Total Resources Required: \$150,000

Approximate Time Frame for Project Completion: July 2016 - June 2017

Expected Outcome: Obtain revised data based upon the original 2010 Commuter Rail System Study. The study update will quantify new regional socioeconomic forecasts; revise ridership, capital and operating cost estimates; and update corridor rankings and other relevant passenger rail attributes. This study will provide the Regional Council with the necessary information to decide if commuter rail should be included in the NexGen Regional Transportation Plan.

Benefit to MAG Member Agencies: MAG member agencies, through the Regional Council, will be informed of the elements required for the implementation of a regional commuter rail system.

Benefit to the Public: The purpose of this Regional Commuter Rail System Study Update is revise the data included in the original 2010 Commuter Rail System Study. The original study defined an optimized network of four commuter rail corridors and the elements needed to implement a 110-mile, four-line, regional commuter rail system utilizing both BNSF Railway and Union Pacific Railroad corridors. Commuter passenger rail systems are generally used in congested urban areas to improve travel time, mitigate congestion, add convenience, and provide an alternative means of travel. Commuter rail trains typically provide service between suburbs to urban centers for the purpose of reaching activity centers, such as employment, special events, and intermodal connections. They also connect suburb to suburb commuters. Designed to primarily meet the needs of regional commuters in the AM and PM peak travel times, they may operate with all-day, bi-directional services. Commuter rail service typically occurs less frequently than light rail transit, but in the MAG Region it is modeled to travel at a higher average speed of 43 mph and a federally mandated maximum top speed of 79 mph. The distance of most commuter rail corridors is also longer than that of light rail, ranging from 30 to 40 miles with passenger stations generally spaced 3 to 10 miles apart.

DRAFT MAG FY 2017 UPWP Proposed Projects

New Projects-Transportation Division

Project Name: 2017 US-60/SR-24 Superstition Vistas Transportation Framework Study

Brief Description: Using the MAG transportation framework planning process, establish a long-term transportation network vision for that portion of the region bounded by SR-202L/Santan Freeway and the Gila River Indian Community on the west, SR-287 on the south, SR-79 on the east, and US-60 on the north.

Requested by: This project is recommended by MAG staff.

Mission/Goal Statement: Building upon previous framework planning successes, establish, in cooperation with the City of Apache Junction, Town of Florence, Maricopa County, City of Mesa, Pinal County, Town of Queen Creek, and the Arizona Department of Transportation, a transportation framework of principal arterials, parkways, freeways, and public transportation opportunities to accommodate the potential build-out travel demand to integrate the Regional Transportation Plan for that portion of the MAG Region bounded by SR-202L/Santan Freeway and the Gila River Indian Community on the west, SR-287 on the south, SR-79 on the east, and US-60 on the north.

Total Resources Required: \$200,000

Approximate Time Frame for Project Completion: January 2017 - December 2017

Expected Outcome: As planning by ADOT for the Pinal North-South Freeway has identified a recommended route, a framework recommendation is needed to help guide development of an extension of SR-24 from Ironwood Drive to US-60 and SR-79, as well as supporting principal arterials, parkways, and public transportation opportunities to serve the potential traffic demand generated by build-out of the Superstition Vistas area of the MAG Region. The framework recommendation will also provide information to the Regional Transportation Plan of a phasing strategy to identify the logical sequence for implementing the development and construction of transportation facilities.

Benefit to MAG Member Agencies: Long-term framework planning has provided MAG member agencies with an opportunity to plan for and preserve corridors to accommodate future transportation demand. For this framework study, the direct benefit of this study's recommendation will be to the City of Apache Junction, Town of Florence, Maricopa County, City of Mesa, Pinal County, and the Town of Queen Creek.

Benefit to the Public: MAG's framework studies in the Central and West Valleys inform the public on the long-term needs for transportation facilities and services to accommodate the expanding Metropolitan Phoenix population. These studies have provided the opportunity to be proactive in anticipating transportation needs prior to growth versus responding, thereby promoting strategic investments in transportation for emerging areas.

DRAFT MAG FY 2017 UPWP Proposed Projects

New Projects-Transportation Division

Project Name: 2017 Regional Transit Framework Study (RTFS) Update

Brief Description: This project will be an update to the 2010 MAG Regional Transit Framework Study (RTFS), which identified and prioritized needs for regional transit improvements to supplement the existing MAG Regional Transportation Plan through 2030, with consideration for longer range transportation needs through 2050. The analysis of land use, socioeconomic (population and employment) conditions, existing and planned transit service, and infrastructure, along with input from transit riders and non-riders, enabled MAG to identify transit needs, deficiencies, opportunities, and constraints.

MAG's RTFS of 2010 was one of several studies that occurred throughout the state of Arizona to identify and prioritize future transportation needs. The framework studies were part of the Building a Quality Arizona (BQAZ) planning process, which served as input into a comprehensive statewide multimodal transportation planning framework. Initiated in February 2008, the MAG RTFS sought to understand the region's transit needs and deficiencies with the goal of identifying high-leverage transit investments that may attract a significant number of new passengers while improving transit service for existing patrons. Understanding of the region's transit needs and deficiencies was accomplished through a process that included a review of previous studies; input from the community; an evaluation of the MAG Region by external transit peers; and a technical review of regional mobility needs and deficiencies.

Valley Metro/RPTA will partner with MAG on the study.

Requested by: This project is recommended by MAG staff and the MAG Transit Committee.

Mission/Goal Statement: Update of the 2010 MAG RTFS, which identified and prioritized needs for regional transit improvements to supplement the existing RTP through 2030 with consideration for longer range transportation needs through 2050. The study will provide the necessary information to help decide which primary transit corridors may be included in the NextGen Regional Transportation Plan.

Total Resources Required: \$200,000

Approximate Time Frame for Project Completion: July 2015-June 2016

Expected Outcome: Update of the 2010 MAG RTFS, which identified and prioritized needs for regional transit improvements to supplement the existing RTP through 2030 with consideration for longer range transportation needs through 2050. The study will provide the necessary information to decide which primary transit corridors may be included in the NextGen Regional Transportation Plan.

Benefit to MAG Member Agencies: The study will provide the necessary information to help decide which primary transit corridors may be included in the NextGen Regional Transportation Plan.

Benefit to the Public: The original RTFS was developed through a demand-based approach that included public input. The RTFS scenarios provided a blueprint for a better coordinated and integrated regional transit system. Implementation of these updated concepts and scenarios would transform the current regional transit system to one that more effectively and efficiently addresses passenger travel needs throughout the region.

DRAFT MAG FY 2017 UPWP Proposed Projects

New Projects-Transportation Division

Project Name: 2017 US-60/Grand Avenue-Sun City Implementation Study

Brief Description: Establish a corridor implementation strategy aligned with the Corridor Optimization, Access Management Plan, and System Study (COMPASS) project roadway geometric recommendations identified for US-60/Grand Avenue between 91st Avenue in Peoria and Thunderbird Road-Thompson Ranch Road in El Mirage.

Requested by: This project is recommended by MAG staff.

Mission/Goal Statement: As the recommendations from the COMPASS project identify large-scale improvements for accommodating future travel demand in the Sun City area, this corridor implementation study will work with area stakeholders to identify the horizontal and vertical geometric needs along US-60/Grand Avenue between 91st Avenue in Peoria and Thunderbird Road-Thompson Ranch Road in El Mirage. Results from this study will be used to identify future Regional Freeway and Highway Program funding and scheduling for the corridor in future updates to the Regional Transportation Plan.

Total Resources Required: \$150,000

Approximate Time Frame for Project Completion: September 2016 – December 2017

Expected Outcome: A scoping process will be established to help stakeholders plan for the recommendations from the COMPASS study to improve accessibility through grade-separations and traffic interchanges across Grand Avenue and the BNSF Railway. Of significant importance is the need to appropriately plan for emergency vehicle operations between the regional Boswell Hospital campus and the surrounding community as both US-60 and the railroad act as a barrier. In this study, the proposed geometry recommended in the COMPASS study will be further evaluated both horizontally and vertically, with stakeholder input, to identify an implementation process for programming these long-range improvements into the Regional Transportation Plan.

Benefit to MAG Member Agencies: Traffic volumes along this segment of US-60 are projected to exceed 90,000 vehicles daily by 2040 according to forecasts from the MAG Travel Demand Model. As Grand Avenue represents a regional facility in the Northwest Valley, this study will provide the Cities of El Mirage and Peoria, the Town of Youngtown, and Maricopa County with a strategy for meeting the travel demand while improving the ability to cross over US-60 and the BNSF Railway. Recommendations from these studies will also feed into thoroughfare planning by these MAG member agencies for potential improvements to local streets in their long-range capital planning efforts.

Benefit to the Public: Most residents along this US-60 segment are members of the Sun City retirement community. Access across Grand Avenue and the BNSF Railway to the Boswell Hospital campus and its supporting buildings is essential. Information generated by this study will help stakeholders in the area, including commercial businesses and healthcare providers, with a long-term strategy for improving connections across US-60 and the railroad, as well as accessibility to Grand Avenue itself.

DRAFT MAG FY 2017 UPWP Proposed Projects

New Projects-Transportation Division

Project Name: 2017 Regional Emergency Vehicle Preemption (EVP) Coordination for Unified Operations - On-Call

Brief Description: This project will help advance regional EVP development toward unified operations. This project would include establishing a Regional EVP Coordination Working Group and hosting a series of workshops to develop a regional consensus and agreement on adopting recommendations from the recent MAG EVP Best Practice Study. The focus of the workshops will be to identify: strategies for achieving system interoperability; potential costs; preferred traffic signal phasing; and the application of confirmation lights.

The MAG EVP study documented the prevailing EVP best practices in the MAG Region and also the best practices from across the nation. The study identified existing deployed EVP technologies, new technologies available from industry vendors, benefits and challenges with existing EVP systems, and best practices deployed throughout the nation.

The scope of work for the consultant will include: (1) Establishing a Regional EVP Coordination Working Group; (2) Developing and distributing all workshop materials and facilitating discussions at the EVP workshops.

All EVP workshops will be held at MAG.

Requested by: This project is recommended by MAG staff and the MAG ITS Committee.

Mission/Goal Statement: The goal of this project is to establish guidance for MAG member agencies to implement the recommendations of the MAG EVP Best Practices Study.

Total Resources Required: \$60,000

Approximate Time Frame for Project Completion: July 2016 - June 2017

Expected Outcome: It is anticipated that the formation of the Regional EVP Coordination Working Group will provide a forum for MAG member agencies to establish a unified approach to implementing EVP systems with established interoperability and uniformity for deployment. Through a series of workshops MAG member agencies will adopt standards for future EVP deployment, establish interoperability components for the different EVP systems, and develop cost-based estimates for future implementation needs.

Benefit to MAG Member Agencies: MAG member agencies will be able to better coordinate emergency response efforts to improve incident response safety and reduce delay, and coordinating agencies will have capabilities to activate EVP systems in adjacent districts.

Benefit to the Public: In the event of an incident, emergency responders from neighboring agencies will be able to interact seamlessly with the local EVP system, allowing for safer navigation of the local agency's signal system and faster response times for aiding neighboring agencies.

DRAFT MAG FY 2017 UPWP Proposed Projects

New Projects-Transportation Division

Project Name: 2017 Systemic Strategy to Mitigate Intersection Left-Turn Crashes On-Call

Brief Description: This study will explore the potential of a specific systemic road safety countermeasure for reducing left-turn crashes at intersections regionwide. The specific countermeasures involve slight repositioning of opposing left turn lanes at intersections, so that left-turning drivers have a better view of oncoming traffic. This is referred to as creating a “positive offset” of left-turn lanes, and is well established by one of the countermeasures to improve intersection safety. This has been identified as a potential safety deficiency at a number of intersections where MAG Road Safety Assessments have been performed.

The study will review research findings on the benefits of positive offsets at intersections, including the latest findings from the Strategic Highway Research Program Naturalistic Driving Study. There will be a review of current best practices in implementing this road safety solution in urban areas.

A crash data analysis will be performed to identify all intersections that have an over representation of left-turn crashes. All or a subset of these sites will be screened, using aerial maps, for adequacy of sight distance, and the non-existence of a positive offset. The resulting list of intersections will be further reviewed to identify feasibility of creating a positive offset and available options. At some sites the problem may be mitigated by a low-cost striping solution. At other sites, a road alignment change may be necessary to create a positive offset to increase sight visibility for motorists turning left. Crash data for a minimum of the three most recent years will be analyzed for this project. The study will produce:

- 1) A guideline for implementing positive offsets at all intersections where unprotected left turn movements are permitted.
- 2) A ranked list of intersections in the MAG Region that are potential candidate sites for installing positive offsets as a systemic road safety solution, possibly funded with future Highway Safety Improvement Program (HSIP) funds.

Requested by: This project is recommended by MAG staff and the MAG Transportation Safety Committee.

Mission/Goal Statement: The goals of this study are as follows:

- 1) Provide a specific strategy for “Eliminating Deaths and Serious Injuries at Intersections,” which is identified as an Action Area in the approved MAG Strategic Transportation Safety Plan.
- 2) Produce a document with technical guidance to local agencies on implementing left turn offsets as a potential safety countermeasure from low cost systemic to long term spot safety improvements at intersections that experience high left turn crash occurrence.
- 3) Identify a list of intersections where left turn crashes are prevalent and where providing improvements to the line of sight at opposing left turn lanes could be identified as a safety countermeasure.

Total Resources Required: \$80,000

Approximate Time Frame for Project Completion: September 2016 - June 2017

Expected Outcome: The Systemic Strategy to Mitigate Intersection Left-Turn Crashes will identify intersection safety improvements, from low cost to long term, that local agencies can implement within a short time or as a tool for long term planning. The improvements could compete for HSIP funds and provide an additional mechanism for improving intersection safety system wide.

DRAFT MAG FY 2017 UPWP Proposed Projects

Benefit to MAG Member Agencies: Assistance to MAG member agencies in the identification of proven countermeasures to mitigate left turn crashes and provide a tool for prioritization of safety improvement projects at intersections. Preparation of projects for high priority road safety improvements that could compete for federal funds.

Benefit to the Public: Intersection safety improvements and the resulting reductions in crashes, injuries and deaths.

DRAFT MAG FY 2017 UPWP Proposed Projects

New Project-Information Services Division

Project Name: 2017 Economic and Geospatial Data and Services Consultant Support for MAG On-Call

Brief Description: *Economic Data and Services* - The MAG team has developed a number of online reporting tools utilizing current available data. These tools have been extremely useful in providing ongoing support for regional planning and economic development. Additional data and analysis resources are required for developing understanding of the evolving economy in the region and Arizona. This includes the development of metrics for export/import, occupation, wage, and workforce skills needs along with connections to regional industry. Additional support is needed in developing and maintaining datasets that feed into the econometric models that were developed in partnership with San Diego Association of Governments (SANDAG).

Geospatial Data and Services - MAG collects geospatial data from a variety of sources for innumerable uses including socioeconomic modeling, visualization, and analysis. Much of the information is not readily available from commercial sources and must be collected, compiled, and subsequently maintained and disseminated to MAG member agencies and the public by MAG staff. The development and maintenance of the data will increase the efficiency and timeliness of delivering the quality of the data with consultant support to provide data collection, technical guidance, custom tools, and procedures to Information Services staff.

Requested by: This project is recommended by MAG staff.

Mission/Goal Statement: The support provided to MAG through on-call consultant contracts will ensure the collection and development of timely and accurate geospatial data in order to support the MAG socioeconomic and transportation models, and better enable Information Services staff to maintain and disseminate these data to member agencies and the public.

Total Resources Required: \$100,000

Approximate Time Frame for Project Completion: July 2016 – June 2018

Expected Outcome: Updated socioeconomic data sets for use in regional analysis and as the basis for long term projections. Support for the development and testing of tools for desktop and server based GIS and geospatial databases.

Benefit to MAG Member Agencies: Regional analyses and data sets developed or enhanced under this project will be used by MAG member agencies and are essential for projections developed by Information Services in supporting the MAG transportation modeling and planning activities.

Benefit to the Public: Analyses and datasets enhanced or developed under this contract will enable MAG and MAG member agencies to enhance their long range planning efforts and also allow them to provide timely information. The software tools developed will aid the member agencies in making decisions regarding the future development of the communities of the MAG Region.

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Ongoing Projects-Communications Division

Project Name: 2017 Don't Trash Arizona Litter Prevention and Education Program

Brief Description: Concern over ugly and unhealthy freeway litter led elected officials to call for a litter education and prevention as an important component of the Regional Transportation Plan. Don't Trash Arizona is a joint effort between the Maricopa Association of Governments and the Arizona Department of Transportation to address the environmental, economic, safety, and health impacts of litter along regional and state highways. The program is funded through Proposition 400, which was approved by voters in 2004. Highway maintenance funding in the Regional Transportation Plan funded by Prop 400 encompasses litter pickup, sweeping, and landscape maintenance, as well as litter education and prevention. Don't Trash Arizona seeks to change attitudes, awareness, and most importantly, behavior, when it comes to highway littering.

In 2006, litter prevention and education efforts were begun by MAG and ADOT to address roadway litter. The slogan Don't Trash Arizona is used cooperatively by both agencies to increase public awareness of the roadway litter condition.

On November 23, 2015, the MAG Regional Council Executive Committee recommended approval to extend the consultant contract with Fingerprint Marketing, Inc., for the first one-year option for the Litter Prevention and Education Program, and to amend the contract to include the \$300,000 budgeted in the FY 2016 Unified Planning Work Program and Annual Budget for litter prevention and education efforts.

Requested by: This project is recommended by MAG staff, the Transportation Policy Committee and Regional Council in 2003, by a resolution passed by the MAG Regional Council and State Transportation Board on December 3, 2003, citing litter education as a high priority for the Regional Transportation Plan, and also by the approval of consultant selection from Management Committee recommendation to Regional Council Executive Committee on November 17, 2014. Approval by the MAG Regional Council Executive Committee on November 23, 2015, to extend the consultant contract for the first one-year option for the Litter Prevention and Education Program, and to amend the contract to include funding in the Unified Planning Work Program and Annual Budget.

Mission/Goal Statement: The goal of the litter prevention and education program, conducted in cooperation with the Arizona Department of Transportation, is to reduce litter along state and Valley freeways to protect public safety, health and the environment; improve visual aesthetics along the MAG Regional Freeway System, resulting in enhanced tourism and economic development prospects; and to ultimately reduce the cost of freeway maintenance.

Total Resources Required: \$300,000

Approximate Time Frame for Project Completion: December 2016 - November 2017

Expected Outcome: The consultant will develop and implement a strategy to increase public awareness as a way to reduce litter on the regional freeway system in the MAG Region and will establish an evaluative process to measure the success of the program. The consultant will use an array of strategic communication services. Including public relations, marketing, advertising, public outreach and partnerships that may provide additional value in promoting litter control efforts.

Benefit to MAG Member Agencies: It costs our region approximately \$3 million and nearly 150,000 labor hours each year to pick up 1.6 million pounds of litter along Valley freeways. Unsightly litter also impacts our economy

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when it impacts our ability to attract new businesses and tourists to boost our economy. Litter is not only unsightly, it is unsanitary and can cause environmental and health problems. Cigarette butts, for example, contain toxic chemicals that can end up in storm drains and contaminate our water systems. Trash and other items falling from unsecured loads can cause serious traffic accidents. Debris on roadways nationwide causes 25,000 accidents each year and more than 80 fatalities. Accidents and slow-downs due to roadway debris increase the time we spend stuck in traffic and results in congestion and lost productivity. It costs us in lives when on average one person a year dies in Maricopa County from dangerous debris. The litter prevention and education campaign will help mitigate these impacts to local communities.

Benefit to the Public: Along with the benefits referenced above, reducing the amount of freeway litter through public education will help the region address the environmental, economic, safety and health impacts of litter to residents and improve our regional quality of life. It will improve visual aesthetics along the MAG Regional Freeway System, enhance tourism and economic development prospects, and ultimately reduce the cost of freeway maintenance.

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Ongoing Projects-Communications Division

Project Name: 2017 Disability Outreach Associate

Brief Description: Federal transportation law requires that environmental justice be part of any transportation plan to prevent discrimination and to ensure the full and fair participation of minority populations and low-income populations in the transportation decision-making process. MAG implemented the Associate Outreach program in 2001 to provide targeted outreach to Title VI communities, including the disability community. The Disability Outreach Associate serves as a liaison between MAG and the disability community, developing methods to engage the community in the transportation planning process, achieving high levels of participation from the community and securing participation and promoting activity in the planning and programming process.

Requested by: This project is recommended by MAG staff in order to better meet Federal requirements.

Mission/Goal Statement: To develop a regional transportation plan that ensures the full and fair participation of all potentially affected communities in the transportation decision-making process, and to ensure that the plan identifies and addresses, as appropriate, disproportionately high and adverse human health or environmental effects of its programs, policies, and activities on protected populations, such as the disability community.

Total Resources Required: \$18,500

Approximate Time Frame for Project Completion: July 2016 - June 2017

Expected Outcome: The Associate will work as a liaison between MAG and members of the disability community to provide information and collect feedback to be used in the update of the Regional Transportation Plan. The Plan is designed to develop systems, services and solutions that meet the needs of the public, including disability communities. Input from the disability community leads to better transportation decisions that meet the needs of all people and the creation of transportation facilities that fit harmoniously into communities.

Benefit to MAG Member Agencies: Active public involvement by all affected stakeholders helps strengthen community-based partnerships; helps develop transportation facilities that fit harmoniously into communities; and provides populations with opportunities to learn about and improve the quality and usefulness of transportation in their lives.

Benefit to the Public: Regional transportation solutions that ensure safety and mobility for all while avoiding, minimizing or mitigating disproportionately high and adverse human health and environmental effects, including social and economic effects, on Title VI and other protected populations, such as people with disabilities.

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Ongoing Projects-Communications Division

Project Name: 2017 Video Outreach Associate

Brief Description: The Video Outreach Associate assists in implementing the MAG Video Outreach Program by providing writing, direction, pre-production, production, and post production services, along with project management. Approximately five videos would be produced within a 12-month time frame.

Requested by: This associate is recommended by MAG staff, in recognition of and response to federal guidelines calling for public involvement and visualization techniques.

Mission/Goal Statement: Surveys have found that an overwhelming majority of Americans get their news and information through the medium of television over all other forms of media. Through the use of television production equipment and facilities, MAG utilizes its Video Outreach Program to help inform Valley residents of MAG's role and responsibilities in the region and to encourage public participation in the development of MAG plans and programs. These video segments are posted to the MAG website and affiliated sites, YouTube, and distributed to air on city cable channels and other broadcast outlets in order to reach the broadest possible community.

Total Resources Required: \$70,000

Approximate Time Frame for Project Completion: July 2016 - June 2017

Expected Outcome: The MAG Communications Division began its Video Outreach Program in 2007 with the purchase of television production equipment and staff training. Since that time, the program has evolved into a robust outreach program with numerous successful videos produced, resulting in a better informed public regarding MAG's roles and responsibilities in the region. It is anticipated that the continuation of the MAG Video Outreach Program, through the assistance of the MAG Associate, will continue to increase awareness and encourage public participation in the development of MAG plans and programs.

Benefit to MAG Member Agencies: As members of the MAG organization, member agencies play a key role in developing regional policies. The Video Outreach Program provides positive exposure regarding this role and increases the public understanding of local governments' regional responsibilities and accomplishments.

Benefit to the Public: The MAG Video Outreach Program performs an important public service by communicating information about air quality, transportation, and human services issues to the general public, encouraging public participation in the development of MAG plans and programs, and resulting in a better informed and active citizenry.

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Ongoing Project-Environmental Division

Project Name: 2017 MAG Air Quality Associate

Brief Description: As the designated Regional Air Quality Planning Agency for the Maricopa area, the Maricopa Association of Governments conducts air quality modeling and prepares air quality plans to attain and maintain the National Ambient Air Quality Standards. Technical assistance from a MAG Associate will be needed in the following technical air quality areas: air quality modeling; air quality monitoring and meteorology; exceptional events; traffic surveys and emissions inventories; dirt road inventories and tracking progress made to pave dirt roads; statistical analysis of data; analysis of control measures; air quality plan preparation; CMAQ evaluation methodologies; and transportation conformity. On July 29, 2014, the Arizona Center for Law in the Public Interest filed a lawsuit to challenge the EPA approval of the MAG 2012 Five Percent Plan for PM-10 in the U.S. Ninth Circuit Court of Appeals. The Center for Law in the Public Interest indicated that the most significant issue is the reliance upon the EPA Exceptional Events Rule to demonstrate attainment of the standard. MAG worked with the Washington, D.C. legal counsel on a motion to intervene in the lawsuit, as directed by the MAG Regional Council on September 24, 2014. The motion was filed on October 23, 2014. The court allowed MAG to submit an intervenor brief for consideration. On December 31, 2014, the MAG Washington, D.C. legal counsel filed the intervenor brief. It is anticipated that the lawsuit will be deliberated by the Court in 2016. The lawsuit will be closely monitored. Supplemental technical analyses and information may need to be provided to EPA. In addition, the preparation of the MAG Redesignation Request and Maintenance Plan for PM-10 for the Maricopa County Area will be continued. Technical assistance will be provided to the Arizona Department of Environmental Quality for the preparation of the required documentation for PM-10 and ozone exceptional events. For the 2008 eight-hour ozone standard of 0.075 parts per million, the planning effort will continue to prepare a Moderate Area Eight-Hour Ozone Plan. Due to a court ruling, EPA published a final rule on March 6, 2015 revising the attainment date for Marginal Areas from December 31, 2015 to July 20, 2015. Since the attainment date is now in the middle of the ozone season, the region would have to be in attainment in the prior 2014 ozone season. On August 27, 2015, EPA published a notice proposing to take actions for the 36 Marginal nonattainment areas. In the notice, EPA proposed to determine that the Maricopa Eight-Hour Ozone Nonattainment Area did not attain the standard and would be reclassified from Marginal to Moderate. The attainment date for Moderate Areas is July 20, 2018. A new plan will be due by January 1, 2017. On October 26, 2015, EPA published a final notice to strengthen the eight-hour ozone standard from 0.075 parts per million to 0.070 parts per million. By October 1, 2016, states are required to submit designation recommendations for nonattainment/attainment to EPA. By October 1, 2017, EPA anticipates finalizing the designations, classifications, and attainment dates based upon 2014-2016 ozone monitoring data. Nonattainment areas will have until 2020 to late 2037 to meet the standard with attainment dates varying based upon the ozone levels in the area (Marginal-Extreme). New versions of the EPA MOVES model will need to be integrated into the MAG air quality modeling and analyses. Technical assistance may also include an analysis of greenhouse gas requirements and emissions to comply with potential future mandates, as required.

Requested by: This associate is recommended by MAG staff, in order to meet the requirements in the Clean Air Act and follow through with the direction given by the MAG Regional Council.

Mission/Goal Statement: Perform data collection, analysis, modeling, and planning necessary to meet the National Ambient Air Quality Standards and the Clean Air Act requirements for the criteria pollutants and conformity.

Total Resources Required: \$130,000

Approximate Time Frame for Project Completion: July 2016 - June 2017

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Expected Outcome: On July 29, 2014, the Arizona Center for Law in the Public Interest filed a lawsuit to challenge the EPA approval of the MAG 2012 Five Percent Plan for PM-10 in the U.S. Ninth Circuit Court of Appeals. The Center for Law in the Public Interest indicated that the most significant issue is the reliance upon the EPA Exceptional Events Rule to demonstrate attainment of the standard. MAG worked with the Washington, D.C. legal counsel on a motion to intervene in the lawsuit, as directed by the MAG Regional Council on September 24, 2014. The motion was filed on October 23, 2014. The court allowed MAG to submit an intervenor brief for consideration. On December 31, 2014, the MAG Washington, D.C. legal counsel filed the intervenor brief. It is anticipated that the lawsuit will be deliberated by the Court in 2016. The lawsuit will be closely monitored. Supplemental technical analyses and information may need to be provided to EPA. In addition, the preparation of the MAG Redesignation Request and Maintenance Plan for PM-10 for the Maricopa County Area will be continued. Technical assistance will be provided to the Arizona Department of Environmental Quality for the preparation of the required documentation for PM-10 and ozone exceptional events. For the 2008 eight-hour ozone standard of 0.075 parts per million, the planning effort will continue to prepare a Moderate Area Eight-Hour Ozone Plan. Due to a court ruling, EPA published a final rule on March 6, 2015 revising the attainment date for Marginal Areas from December 31, 2015 to July 20, 2015. Since the attainment date is now in the middle of the ozone season, the region would have to be in attainment in the prior 2014 ozone season. On August 27, 2015, EPA published a notice proposing to take actions for the 36 Marginal nonattainment areas. In the notice, EPA proposed to determine that the Maricopa Eight-Hour Ozone Nonattainment Area did not attain the standard and would be reclassified from Marginal to Moderate. The attainment date for Moderate Areas is July 20, 2018. A new plan will be due by January 1, 2017. On October 26, 2015, EPA published a final notice to strengthen the eight-hour ozone standard from 0.075 parts per million to 0.070 parts per million. By October 1, 2016, states are required to submit designation recommendations for nonattainment/attainment to EPA. By October 1, 2017, EPA anticipates finalizing the designations, classifications, and attainment dates based upon 2014-2016 ozone monitoring data. Nonattainment areas will have until 2020 to late 2037 to meet the standard with attainment dates varying based upon the ozone levels in the area (Marginal-Extreme). New versions of the EPA MOVES model will need to be integrated into the MAG air quality modeling and analyses.

Benefit to MAG Member Agencies: Attainment of the 2008 eight-hour ozone standard (0.075 parts per million) by July 20, 2018 would reflect positively on the region. Timely implementation of committed control measures in the MAG 2012 Five Percent Plan for PM-10 will assist the region in meeting the Clean Air Act requirements for PM-10 and avoid more onerous control measures, the withholding of federal highway funds, and a conformity lapse. Updating the CMAQ methodologies and assumptions used to quantify the air quality benefits of the CMAQ projects will incorporate the latest research results and technical approaches. This will ensure that the projects submitted by the MAG member agencies for CMAQ funds are fairly and equitably evaluated. Transportation conformity is critical for transportation plans, programs, and projects to move forward. An analysis of greenhouse gas requirements and emissions may be beneficial to the MAG member agencies to comply with potential future mandates, as required.

Benefit to the Public: Timely implementation of committed measures in the MAG 2012 Five Percent Plan for PM-10 will assist the region in attaining and maintaining the PM-10 standard and protecting public health throughout the region. Tracking the progress made to pave dirt roads will also contribute to attainment of the PM-10 standard and cleaner air for the citizenry. Improved methodologies for CMAQ project evaluation will provide more accurate emissions reductions for proposed projects that will be used in prioritizing the projects for funding and implementation in accordance with the multi-modal theme in the Regional Transportation Plan.

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Ongoing Projects-Transportation Division

Project Name: 2017 Traffic Signal Optimization Program - MAG Associate

Brief Description: The MAG Traffic Signal Optimization Program (TSOP) has so far successfully completed nearly 110 projects and has provided services to many MAG jurisdictions. Projects launched through this program provide technical assistance to member agencies for improving traffic signal coordination, optimization and review of operations through simulation modeling. Assistance is provided by local consultants that are hired by MAG through an on-call services contract. The MAG Associate to be hired through this project would assist MAG staff in coordinating all TSOP projects with local agencies and would also provide technical assistance during implementation.

Requested by: This associate is recommended by MAG staff.

Mission/Goal Statement: The MAG Associate would assist MAG in reaching the goal of this program which is to ensure that the traffic signal operations in the region are implemented timely and are efficient, safe and minimize the impact on the environment.

Total Resources Required: \$40,000

Approximate Time Frame for Project Completion: July 2016 - June 2017

Expected Outcome: The key outcomes from TSOP projects are improved traffic operations and reduced vehicular emissions. Some improvements to traffic operations also lead to secondary benefits in terms of safety improvements. National studies have found that signal optimization projects, such as these, produce benefit to cost ratios as high as 40 to 1. The addition of an associate will increase the efficiency and timeliness of implementation.

Benefit to MAG Member Agencies: (1) Ability to adjust signal timing to keep up with changes in traffic patterns due to new developments and traffic growth; (2) Ability to delay the need for costly long-term road capacity improvements by improving traffic flow and reducing congestion through fine adjustments to traffic signal operations.

Benefit to the Public: Reduced motorist frustration and unsafe driving by reducing overall stops and delay. Improved traffic flow through a group of signals, thereby reducing overall emissions and fuel consumption.

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Ongoing Projects-Transportation Division

Project Name: 2017 Road Safety Assessments and Project Assessments On-Call

Brief Description: A select number of Road Safety Assessments (RSAs) and Project Assessments (PAs) will be executed for a list of intersections and arterial corridors that experience a high crash occurrence. These locations will be identified both through a comprehensive network screening process that includes a review of five years of crashes on the road network, and also based on recommendations by the local agencies that own the facilities.

Requested by: This project is recommended by MAG staff and the MAG Transportation Safety Committee.

Mission/Goal Statement: The goals of performing Road Safety Assessments and developing Project Assessments are to:

- 1) Provide technical assistance to local agencies in identifying potential safety countermeasures that could be implemented at locations that experience high crash occurrence or at sites where the safety of road users has been identified as an agency concern;
- 2) Assist local agencies in further developing safety countermeasures identified through RSAs or similar studies into projects that would qualify to receive federal Highway Safety Improvement Program funds for implementation.

Total Resources Required: \$300,000

Approximate Time Frame for Project Completion: July 2016 - June 2017

Expected Outcome: The performance of RSAs will identify low cost road safety improvements that local agencies can address within a short time. The PAs will help define infrastructure improvements, based on recommendations in previous MAG or agency funded RSAs that would position these as candidate projects to compete for statewide Highway Safety Improvement Program (HSIP) funds.

Benefit to MAG Member Agencies: Assistance to MAG member agencies in the identification of road safety issues. Preparation of projects for high priority road safety improvements that could compete for HSIP funds.

Benefit to the Public: Road safety improvements and the resulting reductions in crashes, injuries and deaths.

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Ongoing Projects-Transportation Division

Project Name: 2017 Traffic Signal Optimization Program On-Call

Brief Description: The MAG Traffic Signal Optimization Program (TSOP) has successfully completed more than 100 projects and has provided services to many MAG jurisdictions. Projects launched through this program provide technical assistance to member agencies for improving traffic signal coordination, optimization and review of operations through simulation modeling. Future TSOP projects will also provide technical support for developing Integrated Corridor Management (ICM) strategies for freeway-arterial corridors. Assistance is provided by local consultants hired by MAG through an on-call services contract, with modeling support for ICM projects provided by MAG staff.

This program has been championed by the MAG Intelligent Transportation Systems (ITS) Program to provide traffic engineering assistance for refining signal operations across the MAG Region. It is also one of the strategies identified in the MAG Regional Concept of Transportation Operations. A selected number of these projects will be evaluated through "before" and "after" travel time studies.

Requested by: This project is recommended by MAG staff and the MAG ITS Committee.

Mission/Goal Statement: The goal of this program is to ensure that the traffic signal operations in the region are efficient, safe and minimize the impact on the environment, and fits well within the overall goals of the MAG Regional Transportation Plan.

Total Resources Required: \$300,000

Approximate Time Frame for Project Completion: July 2016 - June 2017

Expected Outcome: The key outcomes from TSOP projects are improved traffic operations and reduced vehicular emissions. Improvements to traffic operations also lead to secondary benefits in terms of safety improvements. National studies have found that signal optimization projects, such as these, produce benefit to cost ratios as high as 40 to 1.

Benefit to MAG Member Agencies: (1) Ability to adjust signal timing to keep up with changes in traffic patterns due to new developments and traffic growth; (2) Ability to delay the need for costly long-term road capacity improvements by improving traffic flow and reducing congestion through fine adjustments to traffic signal operations.

Benefit to the Public: Reduced motorist frustration and unsafe driving by reducing overall stops and delay. Improved traffic flow through coordinated signals, thereby reducing overall emissions and fuel consumption.

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Ongoing Projects-Transportation Division

Project Name: 2017 Pedestrian and Bicycle Facilities Design Assistance Program On-Call

Brief Description: The Pedestrian and Bicycle Facilities Design Assistance program was initiated in 1996 to encourage the development of designs for bicycle and pedestrian facilities according to the MAG Pedestrian Policies and Design Guidelines and the MAG Regional Bikeway Master Plan. The intent of the program is to stimulate integration of bicycle and pedestrian facilities into the transportation infrastructure. MAG will utilize the existing Pedestrian and Bicycle Facilities Design Assistance Program On-Call consultant list, which was approved by the MAG Regional Council Executive Committee on August 12, 2013.

Requested by: This project is recommended by MAG staff and the MAG Bicycle and Pedestrian Committee.

Mission/Goal Statement: Funding the design of bicycle and pedestrian projects of MAG member agencies fits into MAG's mission as stated in the Regional Transportation Plan to promote the development and expansion of all modes of transportation.

Total Resources Required: \$400,000

Approximate Time Frame for Project Completion: August 2016 - December 2017

Expected Outcome: Approximately five to six projects submitted by MAG member agencies will complete preliminary design by professional consultants using the MAG Pedestrian Policies and Design Guidelines and the MAG Regional Bikeway Master Plan.

Benefit to MAG Member Agencies: MAG member agencies will obtain planning and design assistance for bicycle and pedestrian projects that may not be designed any other way. Designing projects in accordance with the Guidelines informs member agency staff and community stakeholders about the best practices in design. Design projects through this program leverage additional funding for construction of bicycle and pedestrian facilities.

Benefit to the Public: Designing bicycle and pedestrian facilities in accordance with the Guidelines results in safe, comfortable and desirable facilities. Providing appropriate facilities encourages people to walk and bike, which reduces the negative impacts of motorized travel on air quality and traffic congestion while simultaneously creating more economically viable and healthy communities.

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Ongoing Projects-Transportation Division

Project Name: 2017 Transportation Division Associate

Brief Description: Continue the present MAG Transportation Division Associate position to assist the MAG Senior Engineering Project Manager with the delivery of the Interstate 10/Interstate 17 Corridor Master Plan project and other tasks as required.

Requested by: This associate is recommended by MAG staff.

Mission/Goal Statement: The MAG Transportation Division Associate provides review and support assistance to the MAG Senior Engineering Project Manager on consultant deliverables for the Interstate 10/Interstate 17 Corridor Master Plan and on other transportation division projects.

Total Resources Required: \$70,000

Approximate Time Frame for Project Completion: July 2016-June 2017

Expected Outcome: The MAG Transportation Associate will continue to expedite the deliverable review process provided by the consultant in delivery of the Interstate 10/Interstate 17 Corridor Master Plan and other transportation division project reviews as assigned.

Benefit to MAG Member Agencies: The MAG Transportation Associate provides civil engineering and transportation planning expertise, based upon past experiences with member agencies, in the performance of duties associated with this position.

Benefit to the Public: The associate assists with an expedited review process and enhances MAG's capabilities in delivering transportation planning products and recommendations for timely Regional Council decisions on funding and project delivery matters.